Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 14 Aug 2021 until 23:59 on Sunday 15 Aug 2021

Forecast Issued on Friday 13 Aug 2021 at 13:52

Confidence: Low for rainfall detail throughout, higher for continued unsettled theme with temperatures remaining similar to present.

Headline for Saturday 14 Aug 2021: Increasingly cloudy through Saturday, with spells of rain perhaps becoming heavier and persistent later. Windy in exposure.

Mountain weather hazards on Saturday 14 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Drizzle	Cloudy	Cloudy	Light rain	Heavy Rain	Light rain
Precipitation probability							
20%	20%	40%	20%	10%	30%	40%	40%

Forecast for Saturday 14 Aug 2021

Weather: Cloudy during the early hours, with a little rain possible for a time around daybreak. Brightest but rather cloudy during the morning, with low cloud lifting and breaking for a time. This trend should reverse during the afternoon, with cloud thickening and lowering once again, probably becoming extensive into the evening and culminating in rain that will likely prove persistent into the evening. Windy throughout in exposure.

Chance of cloud free mountain/hill tops above 600m: 20% at first with cloud perhaps as low as 400 metres, improving 80% for a time as this lifts and breaks, but falling back to near nil into the evening with cloud jearing many valley floors as winds ease and rain sets in.

Visibility: Moderate early on, with a period of better conditions, although moist air and rather a lot of cloud around will impair viewing distances. Becoming poor into the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 14 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 W	18/26 W	19/27 W	20/30 W	20/30 W	17/26 W	12/18 W	7/11 SW	7/10 SW
300	12/27 W	11/24 W	9/21 W	13/26 W	14/28 W	13/24 W	8/16 W	3/7 SW	2/6 S
Valley	9/22 W	9/21 W	7/19 SW	11/23 W	12/24 W	10/20 W	6/13 SW	2/5 SW	2/6 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	9/6	11/7	11/8	11/8	10/8	10/8	10/8
300	13/11	13/11	12/10	14/11	14/12	14/11	12/11	11/11	11/11
Valley	14/13	14/12	13/12	15/13	16/14	15/14	14/13	13/13	13/13
Freezing Level*	2100m	2000m	1800m	1800m	2000m	2100m	2700m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy throughout in exposure, perhaps most hazardous around dawn as cloud encroaches on higher ground.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 13 Aug 2021	0mm	4.2mm	4.2mm

Forecast for Sunday 15 Aug 2021

Weather: Rather damp and cloudy at first, probably giving way to a heavier spell of rain before perhaps clearing southeastwards late in the day, although there is low confidence in the precise timings. Poor visibility in light winds expected early on, improving later.

Maximum wind: Strengthening northwesterly 40mph.

Chance of cloud free mountain/hill tops above 600m: Nil improving 80% as cloud down to 300 metres lifts clear of summits during the morning.

Visibility: Poor improving very good late on.

Temperature: **Valleys:** Plus 11 becoming plus 17 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved